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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/751,806	12/29/2000	Min Zhu	M-8859 US	5229

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08/11/2005

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EXAMINER

KANG, PAUL H

ART UNIT	PAPER NUMBER
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2141

DATE MAILED: 08/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/751,806

Applicant(s)

ZHU ET AL.

Examiner

Paul H. Kang

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 April 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 19-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 19-34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2/16/05.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

2. The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. *Claim(s) 19-34 is/are rejected under 35 U.S.C. 102(e) as being anticipated by Ludwig et al. (US Patent No. 5,884,039).*

4. As per claim(s) 19 and 28 Ludwig discloses a web zone for allowing a plurality of client computers to access the scalable system via a global-area network, the web zone having at least one web server (See Column 8, lines 15-26); a meeting zone for supporting an on-line conference among the plurality of client computers, the meeting zone having a meeting manager, a plurality of collaboration servers, and a plurality of application server, wherein: the meeting manager is operable to manage the on-line conference in the meeting zone (See Column 20, Lines 5-37); each collaboration server is operable to host at least a portion of the on-line conference (See Column 20, Lines 5-37); and each application server is operable to support at least on eservice for the on-line conference; wherein the meeting zone allows an application program executing on one of the client computers in the on-line conference to be shared with at least a portion of the other client computers in the on-line conference (See Column 19, Lines 30-67).

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5. As per claim(s) 20 Ludwig teaches the claimed invention as described in claim(s) 19 above and furthermore discloses wherein each collaboration server and each application server comprises a respective logical server, (See Column 8 Lines 15-26).

6. As per claim(s) 21 Ludwig teaches the claimed invention as described in claim(s) 19-20 above and furthermore discloses the meeting zone comprises a process manager for monitoring each logical server, (See Column 41 Lines 50-67).

7. As per claim(s) 22 Ludwig teaches the claimed invention as described in claim(s) 19-21 above and furthermore discloses the meeting zone comprises a zone manager for supporting communication among the logical servers, (See Column 9 Lines 1-20).

8. As per claim(s) 23 Ludwig teaches the claimed invention as described in claim(s) 19-22 above and furthermore discloses the meeting manager is operable to maintain status information for the meeting zone, (See Figure 4 Item 42 & 44).

9. As per claim(s) 24 Ludwig teaches the claimed invention as described in claim(s) 19-23 above and furthermore discloses the at least one service for the on-line conference comprises one of document viewing, file sharing, video, voice over LP, telephony, polling, chat, and application sharing, (See Column 3 Lines 5-45).

10. As per claim(s) 25 Ludwig teaches the claimed invention as described in claim(s) 19-24 above and furthermore discloses the meeting manager is operable to manage all the collaboration servers and the application servers in the meeting zone, (See Figure 4).

11. As per claim(s) 26 Ludwig teaches the claimed invention as described in claim(s) 19-25 above and furthermore discloses the meeting manager is operable to determine whether a

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predetermined number of authorized conference participants has been exceeded, (See Column 41 Lines 50-67).

12. As per claim(s) 27 Ludwig teaches the claimed invention as described in claim(s) 19-26 above and furthermore discloses the meeting zone allows an application program executing on one of the client computers in the on-line conference to be viewed on at least a portion of the other client computers in the on-line conference, (See Column 6 Lines 10-60).

13. As per claim(s) 29 Ludwig teaches the claimed invention as described in claim(s) 28 above and furthermore discloses supporting the on-line conference comprises hosting the on-line conference in the meeting zone, (See Column 3 Lines 5-30).

14. As per claim(s) 30 Ludwig teaches the claimed invention as described in claim(s) 28-29 above and furthermore discloses supporting the on-line conference comprises managing the on-line conference in the meeting zone, (See Column 41 Lines 50-67).

15. As per claim(s) 31 Ludwig teaches the claimed invention as described in claim(s) 28-30 above and furthermore discloses supporting the on-line conference comprises supporting at least one service for the on-line conference, (See Column 3 Lines 5-35).

16. As per claim(s) 32 Ludwig teaches the claimed invention as described in claim(s) 28-31 above and furthermore discloses maintaining status information for the meeting zone, (See Figure 4 Item 42 & 44).

17. As per claim(s) 33 Ludwig teaches the claimed invention as described in claim(s) 28-32 above and furthermore discloses determining whether a predetermined number of authorized conference participants has been exceeded, (See Column 41 Lines 50-67).

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18. As per claim(s) 34 Ludwig teaches the claimed invention as described in claim(s) 28-33 above and furthermore discloses allowing an application program executing on one of the client computers in the on-line conference to be shared with at least a portion of the other client computers in the on-line conference (See Column 6, Lines 10-60).

Response to Arguments

19. Applicant's arguments filed April 14, 2005 have been fully considered but they are not persuasive. Applicants assert that the prior art of record fails to teach any of the claimed limitations, including "system for application sharing in collaborative setting," the "web zone," the "meeting zone," the "meeting manager," the plurality of collaborative servers," and the plurality of application servers."

The examiner respectfully disagrees with the applicants' interpretation of the prior art of record. Applicant here makes a bald assertion that the Ludwig et al. simply does not teach the claimed invention without any discussion of the teachings of Ludwig. Applicant should submit an argument under the heading "Remarks" pointing out disagreements with the examiner's contentions. Applicant must also discuss the references applied against the claims, explaining how the claims avoid the references or distinguish from them.

Generally, Ludwig teaches a system for on-line conferencing wherein users may collaborate and share applications. A graphical user interface is provided to a user to allow users to begin a session, i.e. Meeting Zone (col. 19, lines 23-29). A meeting manager is provided to manage the on-line session (Service Server 69 and Conference Bridge Manager CBM 64 and WAN Network Manager WNM 65, col. 20, lines 6-37). A collaboration server hosts an on-line conference (the collaboration initiator and AVNM, col. 19, lines 30-47 and col. 20, lines 26-37). Applications servers enables application sharing (Application Sharing 166, col. 19, lines 48-55).

As fully detailed above, the prior art is deemed to teach all limitations claimed, and therefore the claim rejections are deemed to be proper.

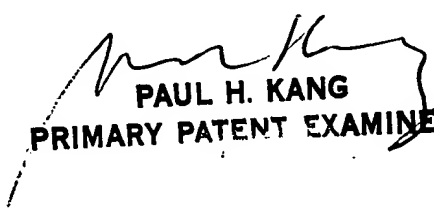
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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul H. Kang whose telephone number is (571) 272-3882. The examiner can normally be reached on 9 hour flex. First Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on (571) 272-3880. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


PAUL H. KANG
PRIMARY PATENT EXAMINER